

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A method for fabricating a counter electrode for a dye-sensitized solar cell, the method comprising:
co-sputtering platinum and a metal oxide as target materials onto a substrate;
forming a counter electrode including nanocrystalline platinum and an amorphous metal oxide on the substrate, wherein the counter electrode has a non-layered structure, ~~and~~
~~contacting the surface of the counter electrode with a light-absorbing dye~~
wherein the dye-sensitized solar cell comprising the nanocrystalline platinum-amorphous metal oxide counter electrode is at least about 40% more efficient, as measured by a current-voltage characteristics, than the dye-sensitized solar cell comprising a platinum electrode, and
wherein the metal oxide comprises a metal having an open structure and wherein the metal oxide is selected from oxides of tantalum and silicon.
2. (Original) The method of claim 1, wherein the metal oxide has a refractive index of 2 or higher.
3. (Canceled)
4. (Original) The method of claim 1, wherein the metal oxide has an electric conductivity of 0.1S/m or more.
- 5 – 14. (Canceled)